Claims:

1. A computer system comprising:

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first and second processes residing on first and second computers, respectively, the first and second processes being used with at least one of a backup and/or restore operation, wherein each of said first and said second computers are in communication with a data storage system which stores data from at least said first and second computers and a network;

at least one first communication mechanism residing on each of said first and second computers for facilitating communications between said first and second processes over said network;

a second communication mechanism residing on each of said first and second computers for facilitating communication between said first and second processes through said data storage system; and

means, within said first and second processes, for allowing said first and second processes to determine whether a communication to be facilitated between said first and second processes is from the first communication mechanism or the second communication mechanism and, in response to determining that a communication is from said first communication mechanism, facilitating the communication between the first process and the second process over said network, and, in response to determining that a communication is from said second communication mechanism, facilitating the communication between the first process and the second process through said data storage system.

- 2. The system of claim 1, wherein said first and second processes are part of a backup or restore process.
- 3. The system of claim 2, wherein said at least one first communication mechanism is a network socket.

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- 4. The system of claim 3, wherein said communication mechanism is a data storage system socket, and said data storage system socket allows information to be transferred from said first process to said second process through said data storage system.
- 5. The system of Claim 1, wherein said backup and/or restore operation is capable of backing up and/or restoring information from file system or database applications.
 - 6. A method for assisting with backup and/or restore operation in a computer system, the method comprising:
- 10 (a) establishing at least one first connection over a network, between first and second processes that are each used with at least one of a backup and/or restore operation and that are each residing on different computers, wherein said first connection is configured to be responsively used for communication over a network; and
- (b) establishing, in parallel with establishing said at least one first connection, a second connection, through a data storage system, between said first and said second processes, wherein said second connection is configured to be responsively used for communication over said data storage system.
 - 7. The method of claim 6, wherein step (a) comprises the step of: creating a first pair of communication mechanisms on a designated port of each of said different computers, wherein said first pair includes a first communication mechanism on said designated port of one computer of said different computers and a second communication mechanism on said designated port of another computer of said different computers.

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- 8. The method of claim 7, wherein step (a) further comprises the steps of:
- requesting, with said first communication mechanism of said communication mechanism pair, a connection to said second communication mechanism of said communication mechanism pair; and

in response to said connection request, accepting said connection request.

9. The method of claim 8, wherein step (a) further comprises the step of:

creating a second pair of communication mechanisms on the designated port of each of said different computers, wherein said second pair includes a first communication mechanism on said designated port of one computer of said different computers and a second communication mechanism on said designated port of another computer of said different computers and wherein said second pair of communication mechanisms is used for transferring a different type of information than would be transferred over said first pair of communication mechanisms.

10. The method of claim 9, wherein step (a) further comprises the steps of:

requesting with said first communication mechanism of said second pair of communication mechanisms, a connection to said second communication mechanism of said second pair of communication mechanisms; and in response to said connection request, accepting said connection request.

11. The method of claim 10, wherein step (b) comprises the steps of:

creating a third pair of communication mechanisms on a second designated port, wherein said third pair includes a first communication mechanism and a second communication mechanism.

12. The method of claim 11, wherein step (b) further comprises the steps of:

requesting with said first communication mechanism of said third pair of communications mechanisms a connection to said second communication mechanism of said second pair of communications mechanisms; and

in response to said connection request, accepting said connection request.

13. The method of claim 12, wherein step (b) further comprises the steps of: receiving information about a group of resources in said data storage system;

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in response to receiving information about said group of resources, creating a fourth pair of communication mechanism, wherein said fourth pair includes a first communication mechanism and a second communication mechanism; and

connecting said first communication mechanism and said second communication mechanism of said fourth pair of communication mechanism to each other through said data storage system.

- 14. The method of claim 6, wherein said backup and/or restore operation is for backing up and restoring information from a file system application.
- 15. A method for assisting with a backup and/or restore operation in a computer system, the method comprising:

establishing a connection, over a network, between a first process and a second process that are each used with a backup and/or restore operation and that are each residing on different computers;

receiving information about a dynamically created communication mechanism over the established connection;

establishing a second connection over the network, on the dynamically created communication mechanism, between said first and second processes;

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identifying resources on a data storage system to be used in order to transfer information through said data storage system; and

establishing a connection between said first and second processes through said data storage system.

- 16. The method of claim 15, wherein said backup and/or restore operation isused in conjunction with a database application.
 - 17. A computer system comprising:

a first computer having a first process residing thereon and a second computer having a second process residing thereon; the first and second processes including at least one of a backup and/or restore operation;

a first communication mechanism residing on each of the first and second

computers for facilitating communications between the first and second processes over a network; and

a second communication mechanism residing on each of the first and second computers for facilitating communications between the first and second processes through a data storage system;

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wherein the first and second processes are configured to determine from which of the first communication mechanism and the second communication mechanism communications between the first and second processes originate; and

wherein a communication that originates from the first communication mechanism is transmitted between the first and second processes over the network and a communication that originates from the second communication mechanism is transmitted between the first and second processes through the data storage system.

- 18. The system of claim 17, wherein said at least one first communication mechanism is a network socket.
- 19. The system of claim 18, wherein said second communication mechanism is a data storage system socket, and said data storage system socket allows information to be transferred from said first process to said second process through said data storage system.
- 20. The system of claim 17, wherein said backup and/or restore operation is capable of backing up and restoring information from file system or database applications.